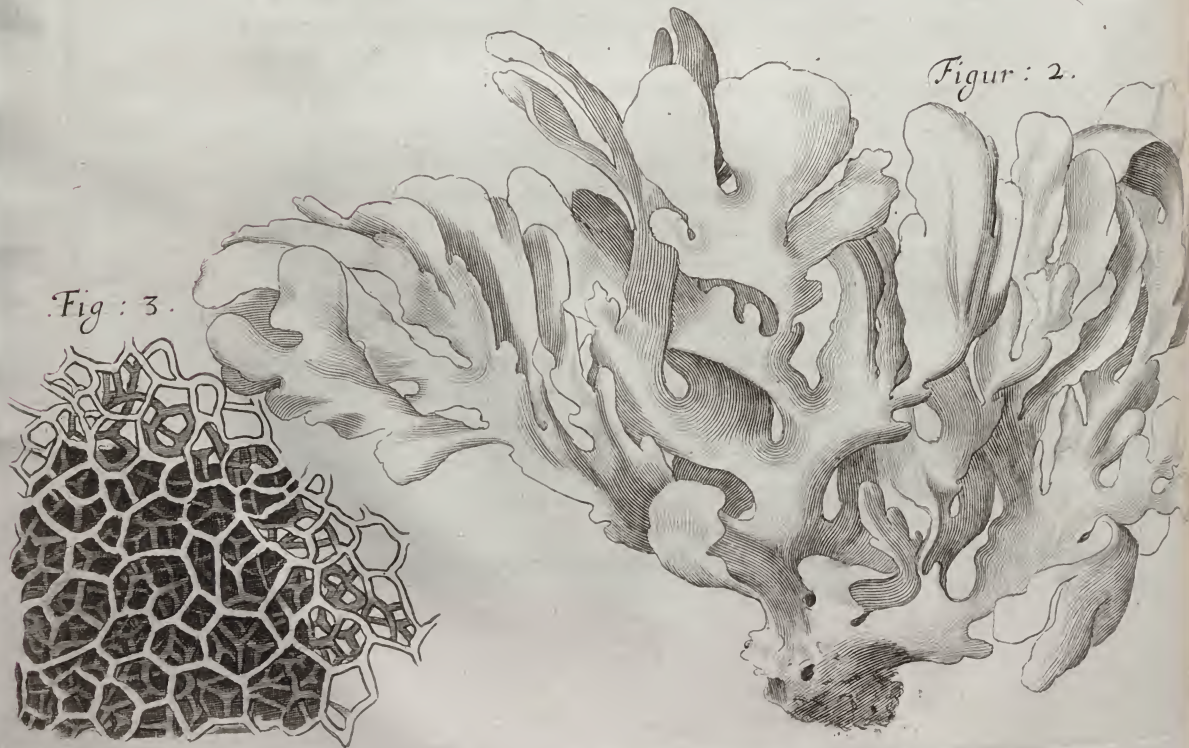


Figur: 1

Schem. IX



Figur: 2.



## MICROGRAPHIA.

considerable thickness, I observ'd that both the upper and the lower of it were curiously quill'd, furrow'd, or grain'd, as it were, when the Sun shone on the Plate, was exceeding easily to be perceived, much after the shape of the lines in the 6. Figure of the 8. *Schem.* they consisted of several streight ends of parallel Plates, which had divers lengths and angles to one another without any certain order.

The cause of all which regular Figures (and of hundreds of others) namely of *Salts, Minerals, Metals, &c.* which I could have been long enough to observe, seems to be deducible from the same Principles, which I have (in the 13. *Observation*) hinted only, yet had time to compleat a *Theory* of them. But indeed (which I also hinted) I judge it the second step by which the *Pyramidal* knowledge (which is the knowledge of the form of bodies) may be ascended: And whosoever will climb it, must be well furnished with that which the Noble *Verulam* calls *scalam Intellectus*, or have scaling Ladders, otherwise the steps are so large and high, that it will be no getting up them, and consequently little hopes of reaching any higher station, such as to the knowledge of the most simple of Vegetation manifested in Mould and Mushrooms, which I have where endeavour'd to shew, seems to be the third step; for I am of opinion, that the Intellect of man is like his body, destitute of wings, cannot move from a lower to a higher and more sublime station, unless it be ledg, otherwise then step by step, nay even there where the way is already made passible; as in the *Elements of Geometry*, where it is said to climb a whole series of Propositions by degrees, till it attains the knowledge of one *Probleme*. But if the ascent be too difficult and above its reach, it must have recourse to a *novum*, or some new engine and contrivance, some new kind of *Algebra* or *Arithmetick Art* before it can surmount it.

## Observ. XV. Of Kettering-stone, and of the pores of the same bodies.

This Stone which is brought from Kettering in Northamptonshire, digg'd out of a Quarry, as I am inform'd, has a grain very admirable, nor have I ever seen or heard of any other stone that is like it. It is made up of an innumerable company of small bodies of the same size or shape, but for the most part, not much differing from a Globular form, nor exceed they one another in Diameter above four times; they appear to the eye, like the Cobb or Ovary of a Fish, or some smaller fishes, but for the most part, the part which is somewhat less, and not so uniform; but their variation from a globular ball, seems to be only by the pressure of the contiguous bodies, which have a little depressed and protruded those toucht sides inward, and